

From: ["France-Isetts, Pauletta" </O=EXCHANGELABS/OU=EXCHANGE:ADMINISTRATIVE GROUP \(FYDIBOHF23SPDLT\)/CN=RECIPIENTS/CN=EFA97B4E466343548298CAF16C843A25-FRANCE-ISSETS.PAULETTA>](mailto:France-Isetts.Pauletta@EXCHANGELABS/OU=EXCHANGE:ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EFA97B4E466343548298CAF16C843A25-FRANCE-ISSETS.PAULETTA)
To: [Crossland](#)
[Roy](#)
CC: [Drake](#)
[Dave](#)
Date: 12/16/2013 1:17:52 PM
Subject: RE: Missouri Electric Works
Attachments: [FYR sampling locations.docx](#)
[MEW 2013 Five Year Reivew sampling IGCE.xlsx](#)
[Missouri Electric Works Five Year Review TO.docx](#)

Roy –

I have used the templates provided and revised them to reflect the scope of work at MEW. I am attaching both the Task Order, IGCE and a map with proposed sampling locations. Please let me know if you need anything additional. I am working from home due to issues with my back, but can be contacted via e-mail.

--Pauletta

From: Crossland, Roy
Sent: Wednesday, December 11, 2013 6:12 AM
To: France-Isetts, Pauletta
Subject: RE: Missouri Electric Works

See attached copies of templates for Task order and IGCE, on the IGCE just plug in the hours you want, the labor rates are current. Unlike the START contract we will send your TO to Seagull and request they send back a cost proposal too, make sure everyone is on the same page. Roy

From: France-Isetts, Pauletta
Sent: Tuesday, December 10, 2013 2:33 PM
To: Crossland, Roy
Cc: Drake, Dave
Subject: Missouri Electric Works

Good Afternoon, Roy,

I understand that Dan Gravatt has used Seagull Environmental on at least one occasion at the Missouri Electric Works Site. I have recently been assigned to the MEW site and need to have some sampling done for the Five Year Review. I need to know what documents will be needed for a task order, including what assumptions might be used for the IGCE. Since I will need soil samples, groundwater samples and fish tissue samples, this task may take a week, especially with travel. Any assistance would be greatly appreciated.

Thanks

--Pauletta



Soil sampling locations

Fish sampling

Groundwater Sampling Locations

WSW-1
MW-3
MW-5
MW-11
MW-12
MW-16A, 16B, 16C

8 Groundwater samples

Soil Sampling Locations

8 ----- upland area (former MEW operations) samples
Surface and 6" depth
4 ----- ravine area samples
Surface and 6" depth
2 ----- Wilson Road south drainage ditch samples
Surface and 6" depth
14 ---- lowland area (south of former MEW operations) samples
Surface, 6" and 1' depth, 5' depth

Total of 28 surface samples
28 6" depth samples
14 1 ft depth samples
14 5 ft depth samples
84 soil samples

Fish Tissue Samples

2 samples ideally 1 sport fish (i.e., bass) and one bottom feeder (i.e., carp, catfish)

Analyze all samples for PCBs

Analyze groundwater samples from WSW-1, MW-3, MW-5, MW-11& MW-12 for chlorobenzenes

Analyze groundwater samples from MW-16A, MW-16B, MW-16C for VOCs

US EPA - REGION VII MINI-SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM (Mini-START) CONTRACT
CONTRACT #EP-S7-12-04

TO: Anthony LeMaster, CO
Roy Crossland, PO

FROM: Hieu Q. Vu, PE, MINI-START PM

DATE: 09/04/13

PROJECT: PROJECT NAME: 1136 113th Drive and 1305-1317 Golden Eagle, Horton, Kansas

TO #:

COST SUMMARY

LABOR

CLIN	Labor Description	Fixed Rate (\$/Hr)	Unit (Hrs)	Total
0001	Program Manager			\$1,174.68
0002	Subject Matter Expert			\$783.12
0003	Senior Environmental Specialist			\$603.44
0004	Senior Geologist/Hydrogeologist			\$474.24
0005	Junior Chemist			\$0.00
0006	Junior Industrial Hygienist			\$0.00
0007	Entry Environmental Specialist			\$3,936.00
0008	Entry Engineer			\$4,434.40
0009	Entry Geologist			\$4,141.60
0010	Clerical			\$662.56
Sub-Total Labor				\$16,210.04

EQUIPMENT PLUS G&A

0011	Equipment Plus G&A	\$2,765.00
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TRAVEL PLUS G&A

0012	Travel Plus G&A	\$3,389.89
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OTHER DIRECT COSTS PLUS G&A

0013	Other Direct Costs Plus G&A	\$7,437.85
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SUBCONTRACTORS PLUS G&A

0014	Subcontractors Plus G&A	\$15,318.10
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TOTAL TASK ORDER	\$45,120.88
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TOTAL HOURS	292
AVERAGE LABOR \$/HR	\$55.51
AVERAGE LOADED \$/HR	\$154.52

PROJECT NAME: 1136 113th Drive and 1305-1317 Golden Eagle, Horton, Kansas
COST ESTIMATE

LABOR						
Clin	Description	Unit	Fixed Rate	Unit (Hr)	Extended	Sub-Total
0001	Program Manager	Hr				\$1,174.68
0002	Subject Matter Expert	Hr				\$783.12
0003	Senior Environmental Specialist	Hr				\$603.44
0004	Senior Geologist/Hydrogeologist/GIS	Hr				\$474.24
0005	Junior Chemist	Hr				\$0.00
0006	Junior Industrial Hygienist	Hr				\$0.00
0007	Entry Environmental Specialist	Hr				\$3,936.00
0008	Entry Engineer	Hr				\$4,434.40
0009	Entry Geologist	Hr				\$4,141.60
0010	Clerical	Hr				\$662.56
Sub-Total Labor						\$16,210.04

EQUIPMENT						
	Description	Unit	Cost	Quantity	Extended	Sub-Total
	Geoprobe	Day				\$2,433.20
	Rental Truck	Day				\$331.80
	XRF	Day				\$0.00
0011	Sub-Total Equipment					\$2,765.00

TRAVEL						
	Description	Unit	Cost	Quantity	Extended	Sub-Total
	Meals (Per Diem)	Day				\$1,017.52
	Hotel	Day				\$1,946.56
	Airfare	@				\$0.00
	Mileage	Mile				\$425.81
0012	Sub-Total Travel					\$3,389.89

OTHER DIRECT COSTS						
	Description	Unit	Cost	Quantity	Extended	Sub-Total
	Field Supplies	Project				\$5,530.00
	EDR Reports/Hist. Documents	Report				\$829.50
	Photocopies - 8 report copies	Project				\$331.80
	Fuel	Day				\$414.75
	Shipping	Each				\$331.80
0013	Sub-Total ODCs					\$7,437.85

SUBCONTRACTORS						
	Description	Unit	Cost	Quantity	Extended	Sub-Total
	Analytical	sample				\$1,382.50
	Analytical Laboratory-soil- 84samples - PCBs	Sample				\$9,290.40
	Analytical Laboratory - groundwater - PCBs, VOCs, chlorobenzenes					\$3,539.20
	Analytical Laboratory-fish tissue - PCBs	Sample				\$1,106.00
0014	Sub-Total Subcontractors					\$15,318.10

TOTAL TASK ORDER						\$45,120.88
Ave. Labor \$/hr						\$55.51
Ave. Loaded \$/Hour						\$154.52

Level of Effort by Task								Total	LOE Labor Distribution
Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	Task 7			
								12	4.1%
								8	2.7%
								8	2.7%
								8	2.7%
								0	0.0%
								0	0.0%
								80	27.4%
								80	27.4%
								80	27.4%
								16	5.5%
								292	100.0%

Tasks

- Task 1: Project Preparation
- Task 2:
- Task 3 Prepare QAPP, FSP, HASP, and procure lab(s) for field activities and laboratory analysis
- Task 4: Conduct fieldwork - collection of soil, groundwater and fish samples. Find location for storage of purge water until analyses are received. Make arrangements for disposal of purge water.
- Task 5 Prepare reports . Data validation, GIS mapping, and project closeout tasks.

Assumptions:

- Field work will be performed based on the attached map with proposed sampling locations
- Seagull will obtain access with EPA assistance
- Fieldwork will require 5 Seagull employees and require 1 week to complete (including travel)
- All samples will be analyzed by a Seagull-contracted lab(s)
- Subject matter expert should be familiar with karst geology

EPA Task Order Activity Document - Mini-START(8a)

Mini-START CONTRACT #: EP-S7-12-04

Activity Type: Field Sampling
Task: Five Year Review – Missouri Electric Works
General Task Description: Conduct Field Sampling for Five Year Review at Missouri Electric Works
Estimated Completion Date: 5/31/2014

Site/Project Name: Missouri Electric Works
City, State, Zip: Cape Girardeau, MO 64501

Site ID No: 076RFE00

Funds Source:
NEW TASK ORDER

Expenditure Limit:

Created On: 12/16/2013
DPO/PO: Roy Crossland
Task Monitor: Pauletta France-Isetts
Task Codes:

Estimated Cost: See IGCE

Deliverable: Provide a QAPP, FSP and work plans Field Sampling for Missouri Electric Works Five Year Review
Overtime: N/A
Reference: No

Staffing:
Priority: High
Start Date: 01/02/2014

Specific Element(s): In accordance with the contract statement of work, the contractor shall conduct the following tasks:

Provide a QAPP and sampling plan for collecting samples, including soil, groundwater and fish tissue. All samples are to be analyzed for PCBs. Groundwater samples from the upland area (WSW-1 and MW-3, 5 11 & 12) should also be analyzed for chlorobenzenes in addition to PCBs; groundwater samples from the lowland (MW 16A, 16B and 16C) need to be analyzed for VOCs in addition to PCBs. **Procure laboratory(ies) for sample analysis.** Properly collect soil samples, groundwater samples and fish tissue samples delivered under chain-of-custody to contracted laboratory. This work will generally include field mobilization, collection of, packaging, and shipping samples to contracted laboratory for analysis.

Comments:

EPA RPM or RPM's representative will provide field oversight and technical direction to contractor as required. Contractor will obtain right-of-entry(ies) to site. Contractor will not do laboratory data validation, but will provide a simple summary report after sampling event that includes field notes, sketches of sample locations, and field data.